

THE CLAIMS

Listing of Claims

1. (Previously Presented) An information processor comprising:

a situation acquiring means for acquiring situation information about a situation in which an operation has been performed;

a situation and operation storage means for storing the situation information acquired by the situation acquiring means and operation information about the operation performed then in an associated manner;

a situation comparing means for comparing a current situation information with situation information stored in the situation and operation storage means;

a situation hierarchy storage means for storing at least the situation information acquired by the situation acquiring means in a hierarchical structure;

a broader concept searching means for searching for a broader concept common to two situation information compared by the situation comparing means on a basis of the situation information of the hierarchical structure stored in the situation hierarchy storage means;

an operation procedure executing means for, when the situation comparing means indicates that the current situation information agrees with one of the stored situation information, executing an operation procedure according to an operation information stored in the situation and operation storage means; and

an operation adapting means for, when the situation comparing means indicates that the current situation information does not agree with any of the stored situation information, adapting an operation procedure to be executed by the operation procedure

executing means to a current situation when, as a result of the search by the broader concept searching means, a broader concept of a situation information on the current situation agrees with that of a situation information stored in the situation and operation storage means.

2. (Cancelled)

3. (Original) The information processor as claimed in claim 1, comprising:

a communication means for communicating with apparatuses that have their respective unique addresses, and

wherein the situation acquiring means acquires a unique address of an apparatus targeted for communications as a constituent element of the situation information via the communication means.

4. (Original) The information processor as claimed in claim 3, wherein,

when the unique address of the apparatus targeted for communications has been allocated by a server, the situation acquiring means acquires an IP address of the server via the communication means.

5. (Original) The information processor as claimed in claim 1, comprising:
a situation and operation inputting means for specifying, by a user, situation information and operation information to be stored in the situation and operation storage means.

6. (Original) A portable terminal comprising the information processor as claimed in claim 1.

7. (Previously Presented) An information processing system comprising a server and a portable terminal to communicate with the server, wherein

the portable terminal comprises:

a situation acquiring means for acquiring situation information about a situation in which an operation has been performed;

a situation and operation storage means for storing the situation information acquired by the situation acquiring means and operation information about the operation performed then in an associated manner; and

a situation comparing means for comparing a current situation information with situation information stored in the situation and operation storage means,

the server comprises:

a situation hierarchy storage means for storing the situation information acquired by the situation acquiring means in a hierarchical structure; and

a broader concept searching means for searching for a broader concept common to two situation information compared by the situation comparing means on a basis of the situation information of the hierarchical structure stored in the situation hierarchy storage means, and

the portable terminal further comprises:

an operation procedure executing means for, when the situation comparing means indicates that the current situation information agrees with one of the stored situation information, executing an operation procedure according to an operation information stored in the situation and operation storage means; and

an operation adapting means for, when the situation comparing means indicates that the current situation information differs from the stored situation information, adapting an operation procedure to be executed by the operation procedure executing means to a current situation when, as a result of the search by the broader concept searching means, a broader concept of a situation information on the current situation agrees with that of a situation information stored in the situation and operation storages means.

8. (Previously Presented) An information processing method enabling an operation procedure that has been executed in a prior situation to be executed in a current situation when current situation information agrees with one of stored situation information and enabling the operation procedure that has been executed for one of the stored situation information to be adapted for execution to the current situation when the current situation information differs from the stored situation information, comprising:

a situation acquiring step of acquiring a situation information about a situation in which an operation has been performed;

a situation and operation storage step of storing the situation information acquired in the situation acquiring step and an operation information about the operation performed in an associated manner;

a situation comparing step of comparing a current situation information with situation information stored in the situation and operation storage step;

a situation hierarchy storage step of storing the situation information acquired by the situation acquiring means in a hierarchical structure;

a broader concept searching step of searching for a broader concept common to two situation information compared in the situation comparing step on a basis of the situation information of the hierarchical structure stored in the situation hierarchy storage step;

an operation procedure executing step of, when the situation comparing step indicates that the current situation information agrees with one of the stored situation information, executing an operation procedure according to an operation information stored in the situation and operation storage step; and

an operation adapting step of, when the situation comparing step indicates the current situation information differs from the stored situation information, adapting an operation procedure to be executed in the operation procedure executing step to the current situation when, as a result of the search in the broader concept searching step, a broader concept of a situation information on the current situation agrees with that of a situation information stored in the situation and operation storage step.

9. (Canceled)

10. (Previously Presented) A computer-readable recording medium containing a program enabling a computer to execute the information processing method as claimed in claim 8.